



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Agricultural News: Kentucky experienced above normal temperatures and well above normal rainfall over the past week. Precipitation for the week totaled 2.58 inches, 1.74 inches above normal. Temperatures averaged 67 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 3 percent short, 62 percent adequate, and 35 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 66 percent adequate, and 28 percent surplus. Days suitable for fieldwork averaged 2.4 out of a possible seven.

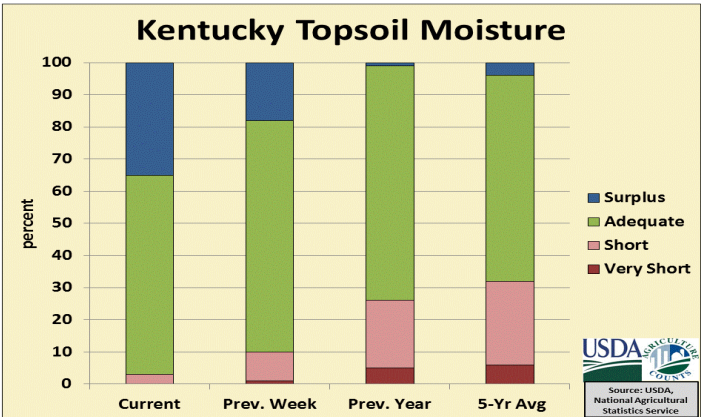
Primary activities for this week included the continued harvest of tobacco, corn, soybeans, and hay along with the early stages of winter wheat planting. Although fieldwork was limited in the early part of the week due to precipitation, the latter part of the week presented favorable conditions. Rain was very heavy in areas of the state leading to the flooding of some fields, however crop damage does not appear to be widespread. Crop conditions and disease possibility will be monitored carefully as fields begin to dry.

Livestock and pasture conditions are mostly good at this time despite the heavy rain. Hay supplies were reported as 3 percent very short, 17 percent short, 70 percent adequate, and 10 percent surplus. Tobacco houseburn was reported as 4 percent severe, 12 percent moderate, 32 percent light, and 52 percent experiencing none.

SOIL MOISTURE for week ending 09/30/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	62	35
Subsoil	1	5	66	28

- Represents zero.



CROP PROGRESS for week ending 09/30/18

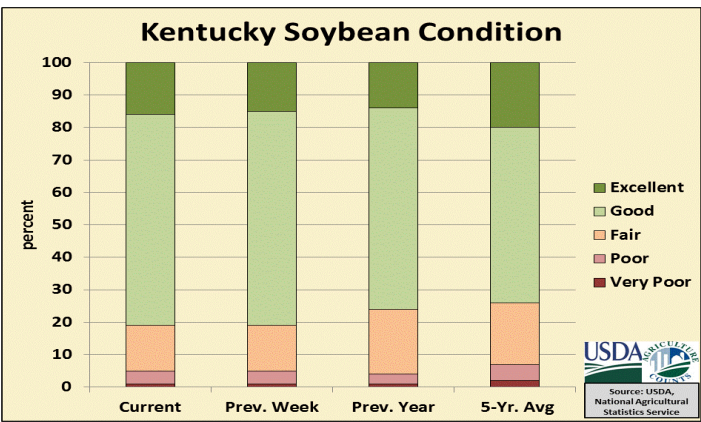
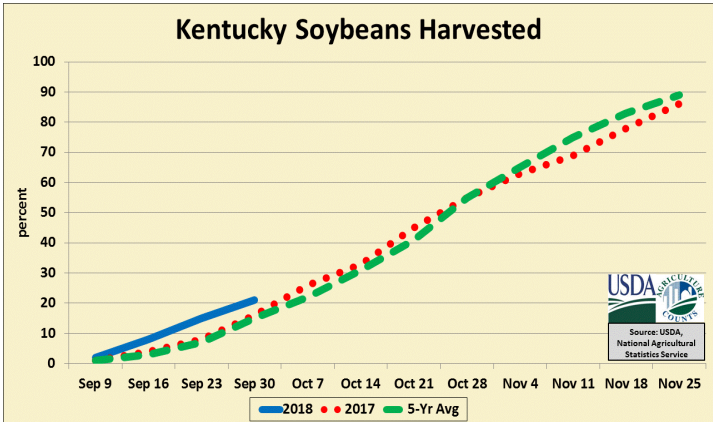
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	92	87	90	90
Corn Harvested	60	50	53	53
Soybeans Coloring	81	74	76	-1
Soybeans Dropping Leaves	60	46	53	53
Soybeans Harvested	21	15	16	15
Tobacco Cut	82	77	87	87
Winter Wheat Seeded	5	2	6	5

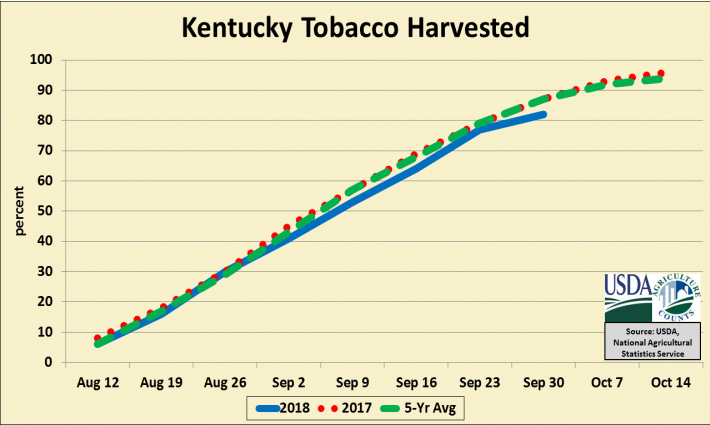
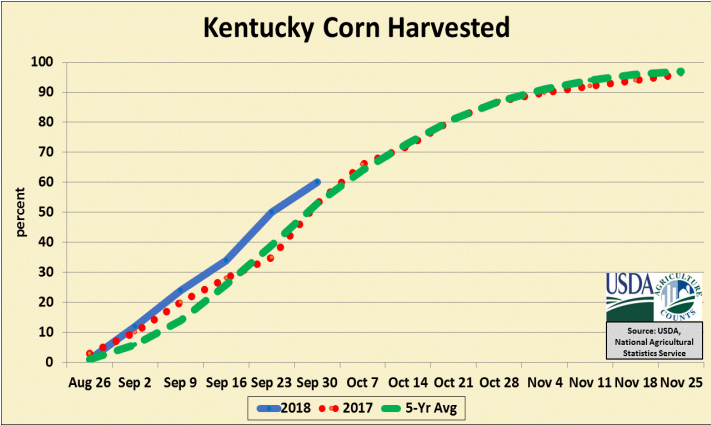
-1 represents not available.

CROP CONDITIONS for week ending 09/30/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	3	16	70	10
Pasture	2	6	23	57	12
Soybeans	1	4	14	65	16
Tobacco Housed	3	6	19	64	8

- Represents zero.





Kentucky Climate Summary
For the Period September 24, 2018 to September 30, 2018

Above Normal Temperatures and Well Above Normal Rainfall:

Carrying over from the previous weekend, a wet pattern continued through Thursday with daily showers and some storms. A combination of frontal passages and disturbances aloft sparked this activity within a very moist air mass. Rainfall was widespread at times and did aggravate ongoing flooding issues from the weekend before with already saturated grounds for many locations. A week after averaging 2.19 inches, the Commonwealth turned around and averaged another 2.58 inches. Preliminary data from the Ag Weather Center suggest September 2018 will place in the top 5 wettest September’s on record for the state of Kentucky. Following the passage of a disturbance aloft on Thursday, dry conditions and seasonable temperatures worked into the area for the remainder of the period.

Temperatures for the period averaged 67 degrees across the state which was 2 degrees warmer than normal and 8 degrees cooler than the previous period. High temperatures averaged from 76 in the West to 74 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at PADUCAH ASOS and the extreme low was 45 degrees at CINCINNATI.

Precipitation (liq. equ.) for the period totaled 2.58 inches statewide which was 1.74 inches above normal and 306% of normal. Precipitation totals by climate division, West 2.49 inches, Central 2.69 inches, Bluegrass 2.44 inches and East 2.69 inches, which was 1.63, 1.77, 1.68 and 1.86 inches above normal. By station, precipitation totals ranged from a low of 0.75 inches at OWENSBORO AWSS to a high of 4.21 inches at YELLOW CREEK.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/30/18 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	2.50	32.21	7.50	8.07	4.51	82	51	67	3	98	47
Berea	2.98	41.06	9.06	15.63	5.33	83	51	67	4	88	38
Bowling Green	2.25	22.74	5.58	-2.66	2.11	84	52	69	5	100	45
Bristol	1.34	26.59	4.55	5.10	1.51	83	56	69	6	100	45
Buckhorn Lake	2.54	29.71	7.45	5.55	4.03	81	53	66	3	100	38
Cape Girardeau	1.40	28.00	5.59	4.31	2.26	85	48	67	1	100	47
Campbellsville	2.52	27.01	6.20	-1.66	1.87	81	50	66	2	96	53
Covington	1.48	29.26	6.59	6.92	3.90	79	45	65	2	100	48
Cumberland Gap	3.62	34.15	7.27	8.32	4.40	82	56	68	5	100	45
Dix Dam	2.30	36.77	9.68	11.87	6.50	81	49	66	3	97	51
Evansville	3.10	30.02	6.64	7.64	3.87	82	49	66	0	100	22
Glasgow	2.26	29.92	6.40	2.48	2.77	82	51	67	3	97	46
Grayson	2.07	44.20	12.08	21.11	9.51	80	51	66	3	86	55
Hardinsburg	2.86	30.99	6.40	5.82	2.99	83	48	67	3	100	44
Henderson	2.96	21.37	5.22	-1.95	1.99	84	46	67	1	100	22
Huntington	2.06	32.38	8.83	9.15	6.22	81	52	67	4	100	39
Jackson	2.92	34.16	8.25	8.98	4.96	82	54	67	4	97	51
Lexington	1.93	36.14	9.76	12.00	6.77	81	50	66	3	97	51
London	2.39	33.55	7.17	10.20	3.92	82	55	68	5	100	50
Louisville	3.81	37.98	10.92	14.46	7.97	83	53	68	4	100	42
Mayfield	1.83	25.51	5.03	-0.21	1.32	84	49	69	3	86	55
Nashville	2.39	22.51	6.83	-1.15	3.65	88	56	69	5	100	39
Nolin Lake	2.37	31.49	9.49	4.54	5.55	82	51	68	4	97	46
Paducah	1.61	27.29	6.49	2.07	3.05	86	48	69	3	96	44
Princeton	3.13	28.26	5.61	3.02	2.50	83	49	68	2	100	41
Quicksand	2.60	32.14	8.43	6.96	5.14	83	54	68	5	86	55
Somerset	3.28	35.38	5.74	8.91	2.01	83	52	67	4	100	47
Spindletop	2.43	45.81	12.07	21.67	9.08	81	50	66	3	100	54
Williamstown	1.88	37.49	9.34	13.71	6.36	80	50	64	1	86	55

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.